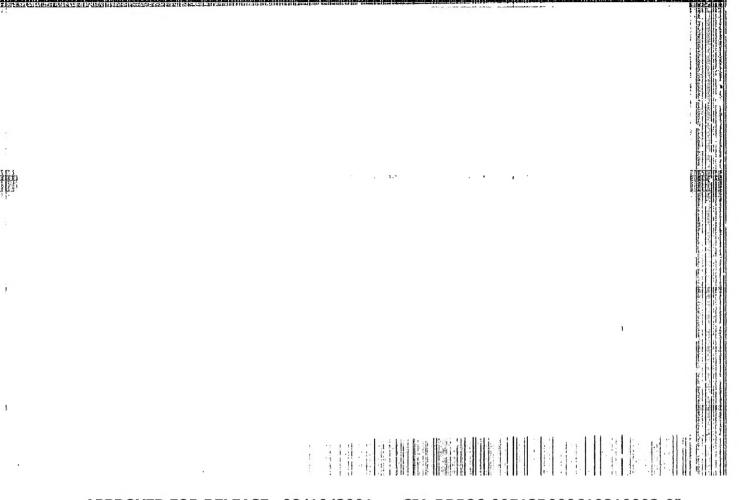
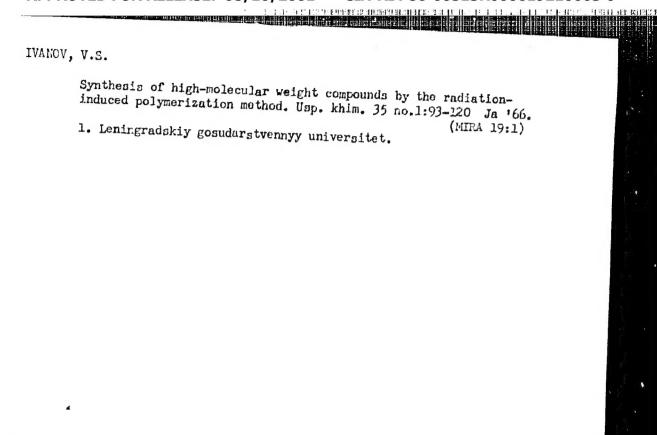
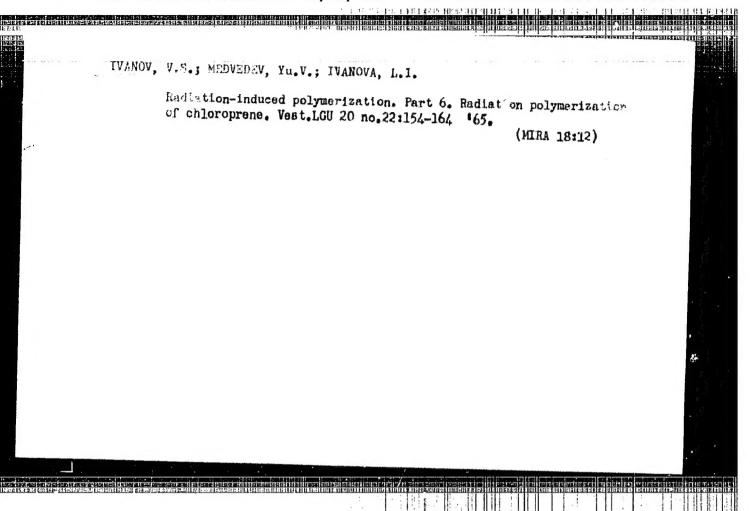


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| L 1336L-66 EWT(m)/EPF(n)-2/EWP(1)/T/EWA(h)/EWA(L) CIG/RM |
| ACC NR: AP6003331 SOURCE CODE: UR/0074/66/035/001/0093/0120 |
| AUTHOR: Ivanov, V. S. |
| ORG: Leningrad State University (Leningradskiy gosudarstvennyy universitet) |
| TITIE: Synthesis of high-molecular-weight compounds by radiation-induced polymerization, 44,55 |
| SOURCE: Uspekhi khimii, v. 35, no. 1, 1966, 93-120 |
| TOPIC TAGS: macromolecular chemistry, radiation polymerization, monomers, polymer |
| ABSTRACT: A review of 352 Soviet and Western studies on the synthesis of polymers by radiation-induced polymerization is presented under the following headings: Introduction; 1) Radiation-induced polymerization |
| of olefin hydrocarbons; 2) Diene hydrocarbons; 3) Halogen derivatives of olefin and diene hydrocarbons; 4) Unsaturated carboxylic acids and |
| their derivatives; 5) Vinyl esters and ethers; 6) Vinyl derivatives of |
| carbocyclic compounds; 7) Vinyl derivatives of heterocyclic compounds; 8) Allyl monomers; 9) Acetyl monomers; 10) Carbonyl compounds; |
| 11) Nitriles of saturated carboxylic acids; 12) Isocyanates; 13) Cyclic |
| monomers; 14) Organometallic monomers; 15) Inorganic monomers, Originart. has: 19 figures. [ATD. FRESS: 4169-F] |
| SUB CODE: 07 / SUBM DATE: none / ORIG REF: 121 / OTH REF: 231 |
| Card 1/10 |
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| L 7875-66 | EWT(m)/EPF(c)/EWP(j | i)/EWA(b)/EWA(i |) RM | | |
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| ACC NR: APS | | SOURCE COI | DE: UR/0286/ | 65/000/016/0 | 0811/00134 |
| - | JKX. | - dul - | July . | Dallana A V | u4 |
| AUTHORS: Me | dvedev, Yu. V.; Ivano | DA. A. S. J. TABL | DVR, he hel | pregnet we w | 4. |
| | 1.1 | | | | 50 |
| ORG: none | kn na | | | | ® |
| TTTLE: Meth | nud for obtaining poly | chloroprene. Cl | ass 39, No. 1 | 73947 ^V | |
| | • | | | 1 3 | |
| | lleten' izobreteniy i | | | 1. | |
| TOPIC TAGS: | rubber, chloroprene, | polychloroprene | , polymer, po | ly minings took | 16.44 |
| ABSTRACT • T | his Author Certificate | e presents a met | hod for obtai | ning polychl | oripprene |
| by nolymeria | ation of chloroprene | under the influe | nce of Jarad | lation. To | regulate |
| the molecula | er weight and structure presence of amine and | e of the polymer | , the polymer | isucion, is c | arriga |
| out in the l | Leading of Surme and | buener elbe near | | 1 | 11. |
| | 7./ SUBM DATE: | 12Feb62 | 7 | | |
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| SUB CODE: O | | | | 678.765.2.002 | |





APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619210003-9

IVANOV, V.S.; SMIRNOVA, V.K.; SEMENOVA, A.Ye.; TSAO YUK [TS no Yung]

Synthesis of N-hydroxy imide of maleic acid. Zhur. org. khim.
1 no.9:1705 S '65.

(MIRA 18:12)

1. Leningradskiy gosudarstvennyy universitet. Submitted

December 25, 1964.

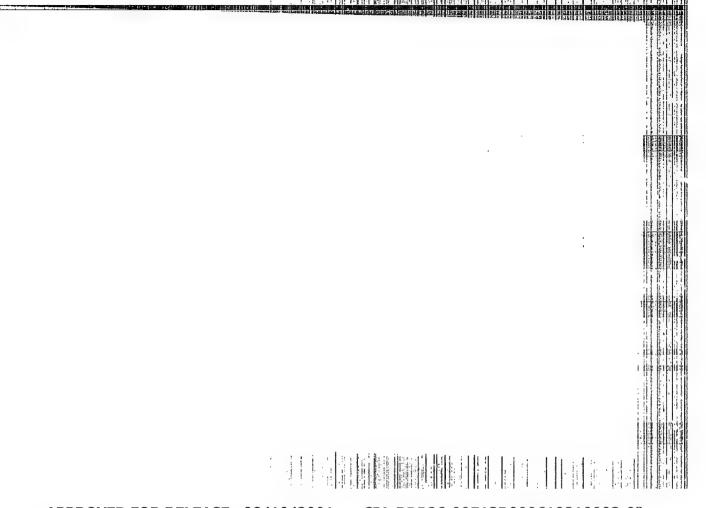
IVANOV, V.S.

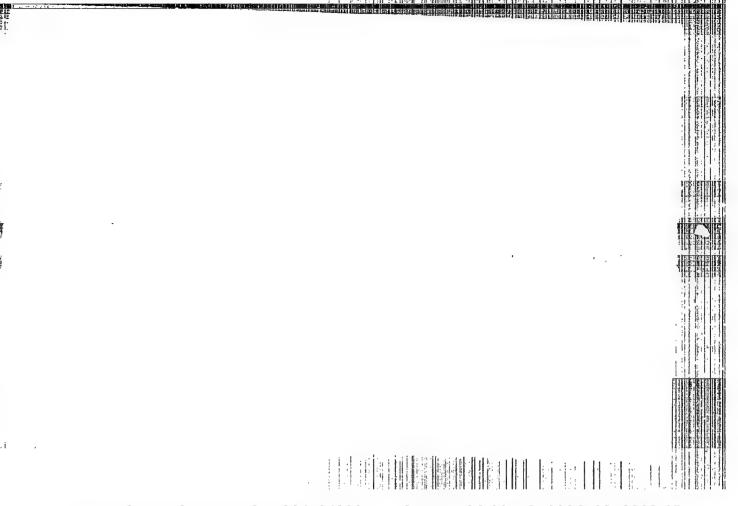
Method for drying hydrogen. Energetik 13 no.6,27-28 Je '65. (MIRA 18,7)

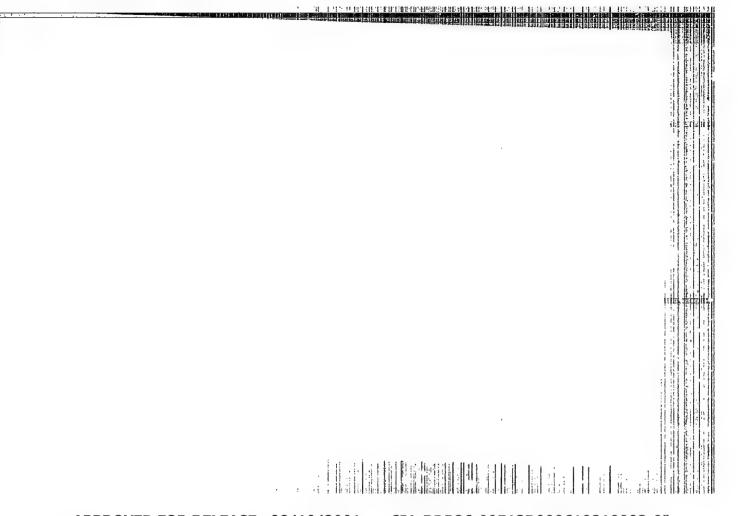
1. Nachal'nik tsekha masel i gazov Gosudarstvennogo tresta po organizatsii i ratsionalizatsii rayonnykh elektrostantsiy i setey.

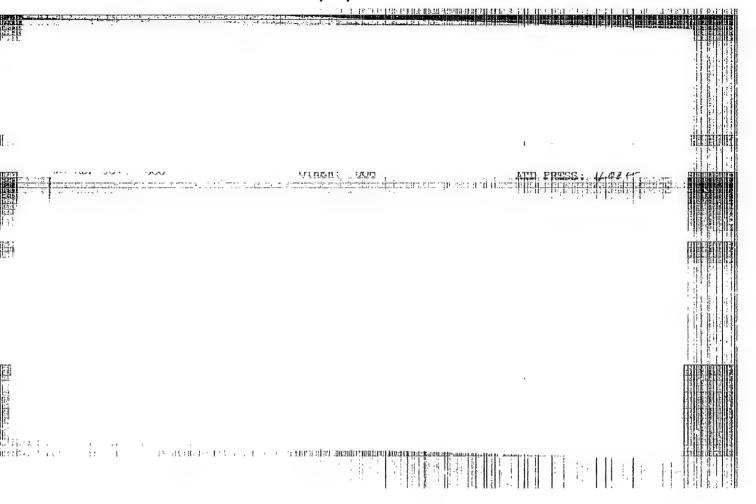
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| | L 1143-66 EWT(m)/EPF(c)/EWP(j)/T, RPL W | | | | | |
| | ACCESSION NR: AP5022009 | W/HM | The second second | • 12-mp-m p | | |
| | | | UR/0286/65 678.762.2- | /000/014 | /0078/0078 | |
| | AUTHOR: Ivanov, V. S.; Buslayev, G. S. | . 1 | 678.762.2- | 139 139 | 2 | |
| | TITLE: A method for producing aldehyde rubber | .15 Cla | 99 39, No. | 172995 | 154 | |
| * , | SOURCE: Byulleten' izobreteniy i tovarnykh zna | akov. | no 14 100 | it to | • | |
| | TOPIC TAGS: synthetic rubber, aldehyde, styrer | no, bu | tadiene, em | ulailon p | olymerina. | |
| | ABSTRACT: This Author's Certificate introduces rubber by copolymerizing styrene and/or butadie in a water emulsion, using an initiator and emulsion aldehyde rubber are and emulsion and em | a met | thod for proint a,β-imsa | ducing a | aldehyde aldehydes | |
| | ASSOCIATION: pone | ene hy | droperxixide | -FeSO ₄ s | ystem, and | |
| | SUBMITTED: 28Jun63 NO REF SOV: 000 ENCL: 00 | | 44 | SUB COD | | |
| 4 | ard 1/1 milb | 000 | | SIOIS COM | e: KT | |
| HI | | | | | | |
| | | | | | 114 11 24 2 2 3 1 1 2 1 1 1 1 1 | |

| ACC NR. AP6000355 SOURCE CODE: UR/0286/65/000/021/cole.cle AUTHORS: Ivanov, V. S.; Smirnova, V. K.; Boryaz, V. N.; Migunova, I. I.; Abramova, A. M.; Sidorova, T. I.; Kharitonov, N. P.; Breger, A. Kh.; Gol'din, V.A. ORG: none TITLE: Method for obtaining graft copolymers. Class 39, No. 176059 SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, hB TOPIC TAGS: polymer, copolymerization, graft copolymer, radiation polymerization, imide, maleic acid ABSTRACT: This Author Certificate presents a method for obtaining graft copolymers on the basis of poly-organosiloxanes by the interaction of ionizing radiation with physicochemical properties of the graft copolymers and their thormal stability and modifying additives. To improve the solvent stability, imides, e.g., N-substituted inides of maleic acid, are used as radiation is 0.05-0.7 Mrad per hour. |
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| SUB CODE: 11/ SUBM DATE: 20Jul64 |
| Card 1/1 4(U) UDC : 678 . (1) 15 17 . 531 . 567 . (1) 22 3 |
| |









MINKH, A.A., professor; IVANOV, V.S., ordinator; LEITMAH, S.S., assistent.

Dental caries in confectionery workers. Stomatologiia, no.3:23-28 ky-Je '5h.

1. Iz kafedry terapevticheskoy stomatologii (sav. prof. Ve.Je.Plantonov) i kafedry gigleny (sav. prof. A.A.Minkh) Moskorskogo meditainskogo stomatologioheskogo insituta (dir. dotsent G.M.Beletskiy)

(DENTAL CARIES, epidemiology,

*in confectionery workers)

IVANOV, V.S., assistent

Morphological change in the gasserian ganglion in pyorrhea alveolaris: Stomatologiia 37 no.4:16-20 Jl-Ag '58 (MIRA 11:9)

Platonov), kafedry terapevticheskoy stomatologii (zav. - prof. Te.Ye. Platonov), kafedry normal'noy gistologii (zav. - prof. L.I. Falin) Moskovskogo meditsinskoge stomatologicheskogo instituta (dir. -dots. G.N. Beletskiy) i kafedry chelyustno-litsevoy khirurgii i stomatologii (zav. - prof. N.M. Mikhel'son) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.P. Lebedeva).

(TRIGEMINAL HERVE)

(PYORRHEA)

o social contraction to the enterestive in the contraction of the cont

IVANOV, V. S., Candidato Mod Sci (diss) -- "Morphological changes in the Gasserian ganglion in periodontosis". Moscow, 1959. 13 pp (Min Health RSFSR, Moscow Med Stomatological Inst), (KL, No 23, 1959, 172)

| IVANOV, V.S., kand.med.nauk | "Methods and techniques for treating diseases of the teeth" by | M.I.Groshikov and V.K.Parikeev. Reviewed by V.S.Ivanov. | Stomatologiia 41 no.4:100 Jl-Ag '62. (MIRA 15:9) (TEETH-DISEASES)

Diagnosis, clinical aspects, and treatment of lichen rubber planus of the mucuous membrane of the oral cavity. Stomatologiia 41 no.5:12-16 S-0 '62. (HIRA 16:4)

1. Iz kafedry stomatologii (zav. - prof. I.M.Starobinskiy)
TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D.Kovrigins) i TSentral'nogo instituta travmatologii i ortopedii. (HICHEN RUBER) (HOTH--DISEASES)

IVANOV, V.S., kend.med.mank

Comparative cyaluation of some modern single-treatment methods of treating periodontitis. Trudy TSIU 64:27-32 463.

age changes in the gasserian ganglion in man. Ibid. 142.451

Experience in treating discuses of the temporementibular Joint with hydrocortisone. | Ibid.:169-171 | (15d. 1715)

IVANOV, V. T.

PETUKHOV, L. G. - Kand. Arkhitektury, IVANOV, V. T., Arkh., NIKOLAYEV, I. S., Chl.-Korr. Akademii Arkhitektury SSSR D-R Arkhtekhtury Prof., BAZAHNOV, V. M. - Arkh.

Nauchno-issledovatel'skiy Institut Arkhitektury Obshestbennykh 1 Promyshlennykh sooruzheniy Akademeii Arkhitektury SSSR

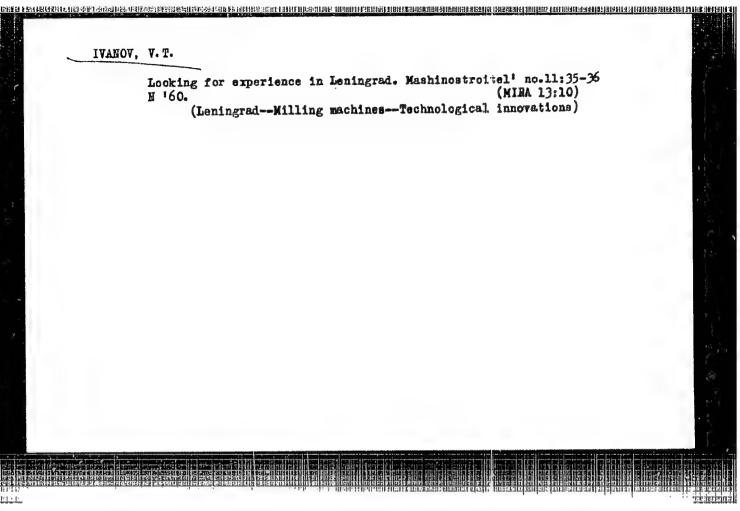
Promyshlennye predpriyatiya v gorode

Page 62

AUTHOR CHOCK MARKETS INCOME

SO: Collection of Annotations of Scientific Research Work on Construction, completed in 1950.

Moscow, 1951



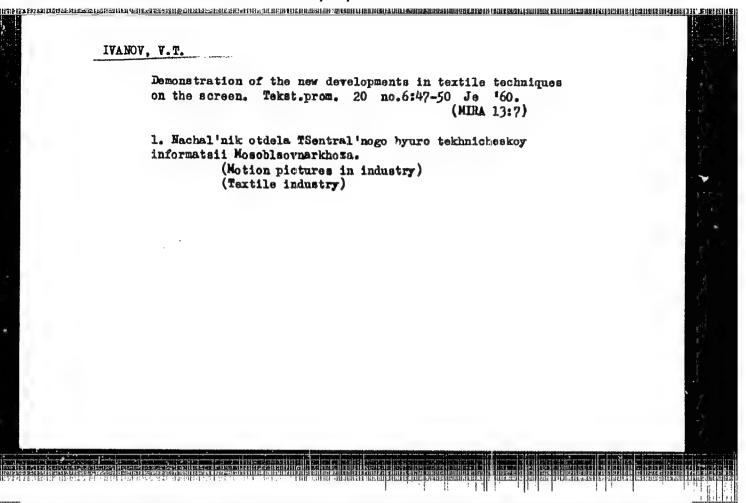
MARKHEL', Pavel Sil'vestrovich, kand. tekhn. nauk; PETROVA, Nina
Nikolayevna, mauchnyy sotr.; RUSANOVA, Aleksaudra Viktorovna,
nauchn. sotr.; IZMAIL, Lyudmila Nikiforovna, nauchn. sotr.;
BABUSHKIN, Aleksey Il'ich, master po remontu; IVANOV, Viktor
Tikhonovich, pechnik; ALEKSANDROV, Vladimir MeTod'yevich,
inzh.; KONOVTSEV, Svyatoslav Vsevolodovich, inzh.-mekhanik;
PRITYKINA, L.A., red.; KISINA, Ye.I., tekhn. red.

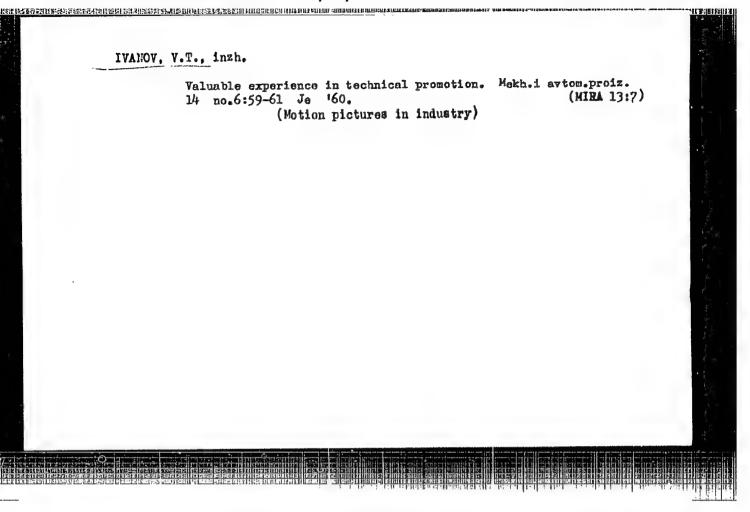
[Handbook on the overhauling of bakery equipment] Spravochnik po kapital'nomu remontu khlebopekarnogo oborudevamila. Moskva, Pishchepromizdat, 1963. 307 p. (MIRA 16:7)

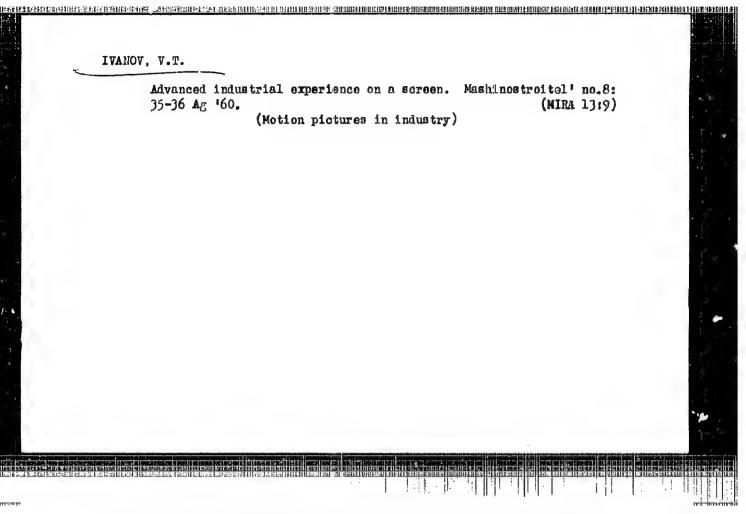
l. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut khlebopekarnoy promyshlencosti. Leningradskoye otdeleniye.

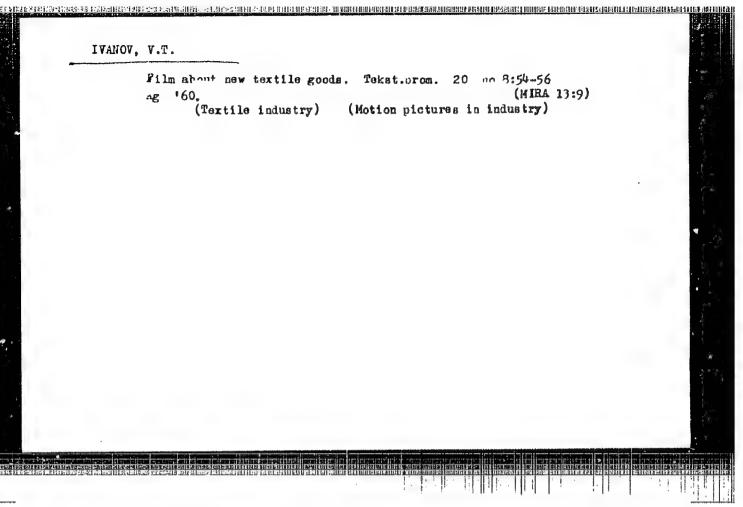
2. Eaveduyushehiy sektorem ekenomiki, organisatsii proisvod-stva i truda Leningradskogo otdeleniya TSentral'nogo nauchno-issledovatel'skogo instituta khlebopekarnoy promyshlennosti (for Markhel?).

(Bakeries--Equipment and supplies)
(Food machinery--Maintenance and repair)









AVCHINNIKOV, Yu.A.; IVANOV, Y.T.; KIRYUSHKIN, A.A.; SHEMYAKIH, M.M.

Structure of enniatin A. Izv.AN SSSR.Otd.khim.nnuk no.8:1497
Ag '62.

1. Institut khimii prirodnykh soyedineniy AN SSSR.

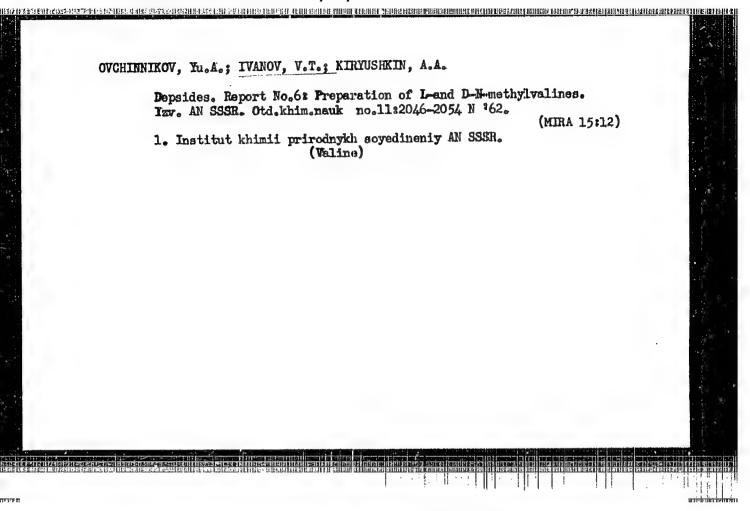
(Antibiotics)

SHEMYAKIN, M.M.; OVCHINNIKOV, Yu.A.; IVANOV, V.T.; KIRYUSEKIN, A.A.

Total synthesis of sporidesmin 1. 1zv.AN SSSR.Otd.khim.nauk no.9:16991700 S 162.

1. Institut khimii prirodynkh soyedineniy AN SSSR.

(Sporidesmin)



SHEMYAKIN, N. M.; OVCHINNIKOV, Yu. A.; KIRYUSHKIN, A. A.; IVANOV, V. T.

Depsides. Report No. 7: Structure of enniatin B, Izv. AN SSSR
Otd. khim. nauk no.12:2154-2161 D '62. (NIRA 16:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

(Depsides)

OVCHINNIKOV, Yu.A.; IVANOV, V.T.; KIRYUSHKIN, A.A.; KHALILULINA, K.Kh.

Synthesis of sporidesmolic acid B. Izv.AN SSSR.Otd.khim.nauk no.3:578-579 Mr '63. (MIRA 16:4)

1. Institut khimii prirodnykh soyedineniy AN SSSR. (Sporidesmolic acid)

SHEMTAKIN, M.M.; OVCHINNIKOV, Yu.A.; KIRYUSHKIN, A.A.; IVANOV, V.T.

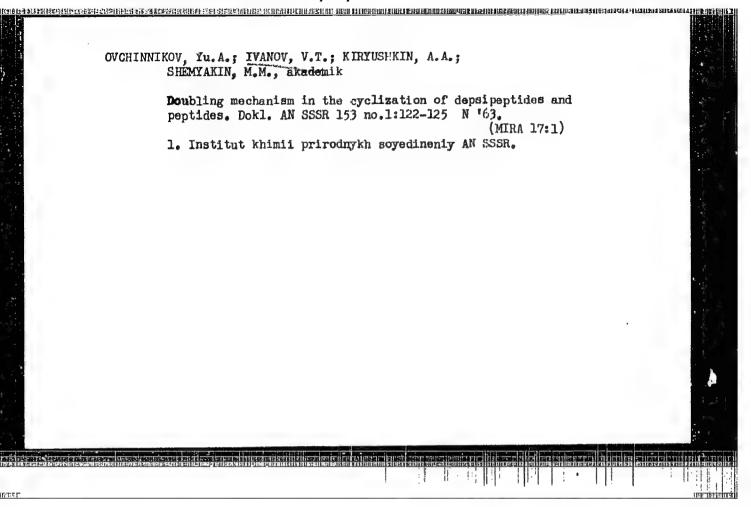
Structure and total synthesis of enniatin B. Izv.AN SSSR.
Otd.khim.nauk no.31579 Mr 163. (NIRA 1614)

1. Institut khimii prirodnykh soyedineniy AN SSSR.
(Enniatin)

OVCHINNIKOV, Yu.A.; KIRYUSHKIN, A.A.; IVAHOV, V.T.; SHEMYAKIN, M.M.

Structure of sporidesmolide; part 2. Izv. AN SSSR. Otd.khim, mann no.4:
(MIR. 1943)

1. Institut khimii prirodnykh soyedineniy AN SSSR.
(Sporidesmin)



OVCHINNIKOV, Yu.A.; IVANOV, V.T.; KIRYUSHKIN, A.A.; SHEMYAKIN, M.M., akademik

Conformation factors in the cyclization of depsipeptides.
Dokl. AN SSCR 153 no.6:1342-1345 D'63. (MIRA 17:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

RYABOVA, I. D.; PAVLENKO, I. A.; VINOGRADOVA, Ye. I.; OVCHINNIKOV, Yu. A.; ALDANOVA, N. A.; KIRYUSHKIN, A. A.; IVANOV, V. T.; VEYGINA, M. Yu.

"Antimicrobial activity of depsipeptides."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Inst for Chemistry of Natural Compounds, AS USSR, Moscow.

SHERYAKIN, M. M.; OVCHINNIKOV, Yu. A.; IVANOV, V. T.; KIRYUSHKIN, A. A.

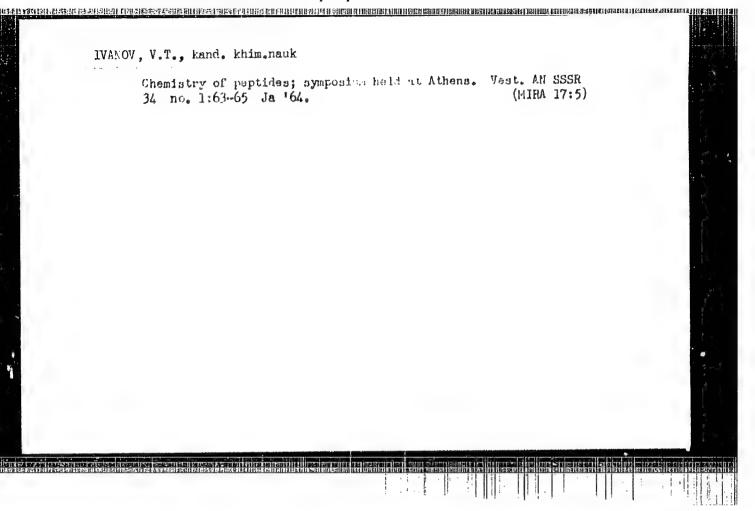
"Studies in the conformation of cyclodepsipeptides."

report submitted for the 7th European Peptide Symp, Budapest, 3-8 Sep 64.

SHEMYAKIN, M.M.; OVCHINNIKOV, Yu.A.; ANTONOV, V.K.; KIRYUSHKIN, A.A.;
IVANOV, V.T.; SHCHELOKOV, V.I.; SHKROB, A.M.

Synthesis of 0,0'-diacetylserratomolide, Izv. AN SSSR.
Ser. khim. no.12:2233 D '63. (MIRA 17:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.



19 No. 1 Miles of their and single transmission of the substitution of the substitutio

SHEMYAKIN, M.M., akademik; IVANOV, V.T.

Sixth European Symposium on the Chemistry of Peptides. Zhur. VKHO 9 no. 3:332-334 '64, (MIRA 17:9)

OVCHINNIKOV, Yu.A.; IVANOV, V.T.; MIKHALEVA, I.I.; SHEMYAKIN, M.M.

Synthesis of enniatin C. Izv. AN SSSR. Ser. khim. no.10:1912

0 '64. (MIRA 17:12)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

BCCHEAREV, V.M.; FECHNOV, V.A.; VUL'ESOM, N.S.; SHEMVAREE, M.M.; OVERTHEREOV, Yu.A.; KIRYUSHETH, A.A.; IVANOV, V.T.; VIRECEADOTA, Yu.T.; ALDENOVA, M.A.

Depolpoptides. Part 51: Mass spectrometric study of cyclotetradepsiseptides of regular structure. Khim.prirod.soed. 1:52-58 '55.

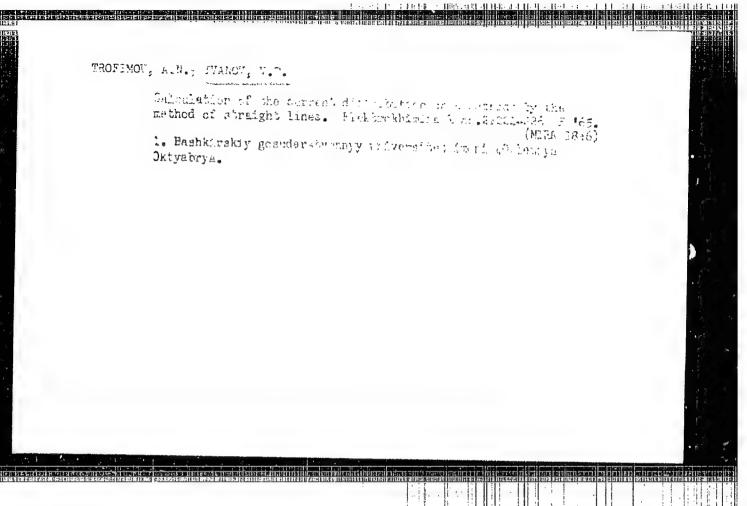
(MIRA 18:6)

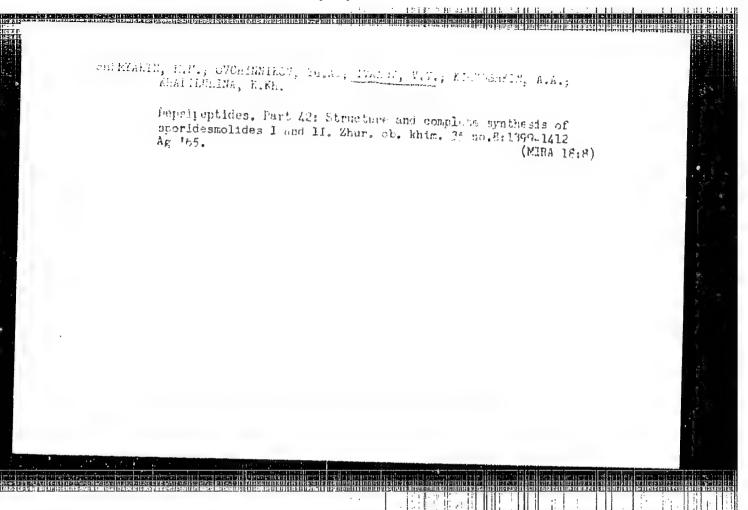
1. Institut khimii prirodnykh soyedineniy AN SSSR.

SHENYAKIN, M.M.; OVCHINNIKOV, Yu.A.; KIRYUSHKIN, A.A.; IYANOV, V.T.

Chemistry of depaipeptides. Report 25: Structure and complete synthesis of enniatins A and B. Izv. AN SSSR. Ser. khim. no.9: 1623-1630 '65. (MIRA 18:9)

1. Institut khumii prirodnykh soyedineniy AN SSSR.





IVANOV, V.V.; VIDIN, Yu.V.

Temperature field in a parallelepiped heated by a radiant flow. Izv. vys. ucheb. zav.; chern. met. 8 no.5:180-182 (65.

(MIRA 18:5)

1. Krasnoyarskiy politekhnicheskiy institut.

IVANOV, V. V.

Leningradskomu zavodu "Pnevmatika" 50 let. (Vestn. Mash., 1950. no. 3, p. 61-64)

The Leningrad "Pnevmatika" plant is 50 years old.

DLC: TN4.V4

So: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

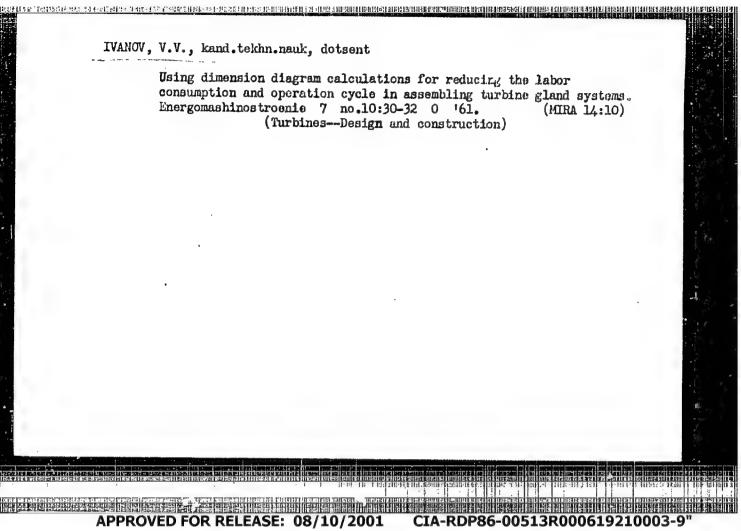
SOV/63-3-6-12/43 AUTHOR: Ivanov. V.V. Modern Designs of Chemical Pumps (Sovremennyye konstrukt iii TITLE: khimicheskikh nascsov) Khimicheskaya nauka i promyshlennost', 1958, Vol III, Er 6, PERTODICAL: pp 782-769 (USSR) In the chemical industry mostly centrifugal pumps are used ABSTRACT: with a pressure of no more than 60 m and an output of 300 m3/h or less. Many pumps operate on the principle of self-suction. A Soviet pump of this type has been developed by the All-Union Scientific Research Institute of Hydraulic Machine Building (Figure 2). The packing of the pumps shaft may be carried out in several ways: 1) with a neutral liquid in the bushing of the stuffing bo. which stops the loss of the pusped substances to the outside; 2) by using an irreller, i.e. a second wheel behind the operating wheel with radial vanes which reduces the pressure in front of the stuffing box; 3) by a more equal distribution of the stresses on the rings of the stuffing box lining; 4) by the use of special materials in the stuffing box linings. If the pump is vertical and reaches below the free level of the liquid, there is no stuffing box needed. The weight and the size of the axle are 2 - 3 times that of ordinary pumps. Such a pump Car 1/2

whorn best ma of Chemical Pumps

SOV/33-3-6-12/43

without stuffing box is the type 6VKhS-7 shown in Figure 4. It has an output of 150 m²/h, 1,470 rpm, a pressure of 40 m, an efficiency factor of 6.2. Hydraulic locks in pumes stot the loss of liquid during operation. At stand-still a special packing must be used which is removed again as soon as the pump starts working in order to prevent wear. Such a pump of the type 3KKh-9K is shown in Figure 5. If the pumps must operate under high pressure or if expensive or poisonous substances are pumped, hermetic types must be used. The Soviet industry has developed a hermetic acid pump (Figure 11) with an output of 24 m²/h. It is made of steel 1Kh18 119T. Recently plastics, which are reinforced by glass fibers, are used in the manufacture of chemical pumps as well as fluorine polymers. There are 11 diagrams and 10 references, 5 of which are Soviet and 5 English.

Card 2/2



IVANOV, V.V., inzh.

Geometry of a giant jet. Sbor. trud. Inst. gor. dela AN URSR no.12:185-190 '61. (MIRA 15:11)

1. Institut gornogo dela AN UkrSSR.

(Hydraulic mining)

GRAFOV, L.Ye., gornyy inzh.; CORBUSHIN, V.I., V.I.; ZARANKIN, N.Ye.;
DUDNIK,G.N.; BARONSKIY, I.V.; KOSTYUKOVSKIY, V.Ya.[deceased];
LINDENAU, N.I.; BIRYUKOV, R.A.; LISKOVETS, A.R.; MURAV'YEV,
V.P.; FESUN, V.A.; BERDYUGIN, V.A.; BEREZNYAK, M.M.; VASIL'YEV,
Ye.I.; KOLLODIY, K.K.; IL'CHENKO, D.F.; YALEVSKIY, D.B.;
GERASIMOV, V.P.; IVANOV, V.V.; GAVRILOV, G.V.; SUROVA, V.A., red.
izd-va; OSVAL'D, E.Ya., red. izd-va; PROZOROVSKAYA, V.L., tekhn.

[Development and improvement in the technology of coal production]
Razvitie i sovershenstvovanie tekhniki dobychi uglia. Moskva, Gospgortekhizdat, 1962. 359 p.

(Kuznets Basin--Coal mines and mining)

IVANOV, V. V., inzh.

Automation of the washing of goldbearing sands and the introduction of high-frequency communication at goldfields. Bezop, truda v prom. 5 no.11:24-26 N '61. (MIRA 14:11)

1. Nachal'nik laboratorii gornoy radioelektrotekhniki Magadanskoge sovnarkhoza. (Gold mines and mining)

(Automation)

S/194/62/000/006/017/232 D413/D308

AUTHORS:

. Zedginidze, G.P., Ivanov, V.V., and Levitskiy, M.P.

TITLE:

Some problems in the design of computers for the automatic control of the blast-furnace process

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1962, abstract 6-1-124 ya (V sb. Primeneniye vychisl. tekhn. dlya avtomatiz. proiz-va, K., Mashgiz, 1961, 183-191)

TEXT: It is observed that no complete mathematical description exists for the blast-furnace process, and therefore 4HMM4M (TSNIICHM) and THMMCA (TNIISA) are developing zonal computers: for the high-temperature zone of direct reduction of iron (by coke, at the bottom of the furnace) for the medium-temperature zone in the charge where indirect reduction of iron (by gases) occurs; and for the throat zone near the mouth of the furnace. It is expected that these zonal installations will later be combined into a complex whose operation will be coordinated by a universal computer. Brief descriptions, circuit diagrams of the zonal computers and Card 1/2

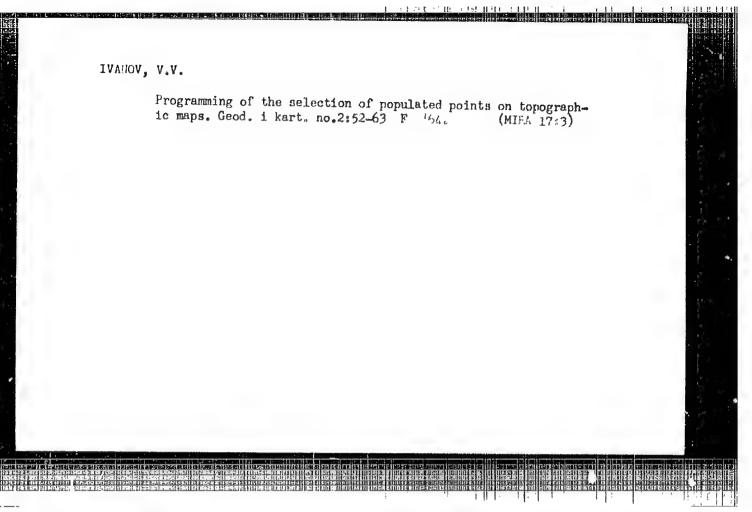
Some problems in the design of ... S/194/62/000/006/017/232 D413/D308

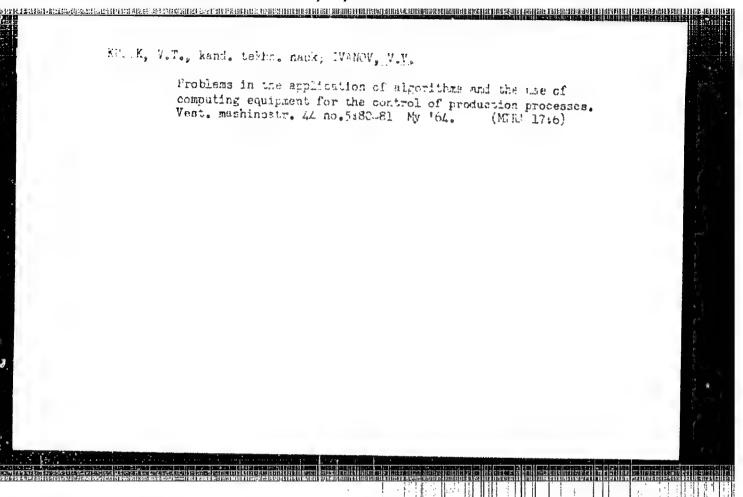
formulas simulated by them are given. 9 figures, 10 references.

[Abstracter's note: Complete translation.]

BUGAY, N.V.; IVANOV, V.V.

Development of defects in the metal of thermal power equipment during its operation. Energy. 1 elektrotekh. prom. no.li48-50 Ja-Mr'64. (HIRA 17:5)





- 1. KOKORIN, .P. .I. .; IVANCV, V. V.
- 2. USSR (600)
- 4. Mine Haulage
- 7. Mechanized transportation of preliminary products. Mekh. trud. rab. 6 no. 9, 1952.

JUANOV, VIV,

137-1958-1-110

Translations from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 1, p 17 (USSR)

AUTHOR:

Ivanov, V. V

TITLE:

Experience in the Organization of Sond Outline and Schlich Gencentretion (Iz opyta organizatsii promyvki peskov i

shlikhoobogashcheniya)

PERIODICAL: Kolyma, 1957, Nr 3, pp 15-18

ABSTRACT:

Problems of the removal of slimes, refining of metal. and the mechanization of tailing sampling at the Frunze placer of the Western Mining Administration are discussed.

1. Ores--Processing-Equipment 2, Mines--Equipment A. Sh. 3. Mining engineering

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R00061921

IVANOV, V.V.

Angren gasification station "Podzemgaz." Fodzem.gam.ugl. no.3:13-15

157. (MIRA 10:11)

1. Direktor Angrenskoy stantsii "Podzemgaz"

(Angrem--Coal gasification, Underground)

OSIPOV, L.L.; IVANOV, V.V., redaktor; SHENFEL'D, S.D., redaktor; KRASNAYA,

A.K., teknifetesky redaktor

[Operation of gas-generator power installations] Eksplustatsiia
silvykh gasogeneratornykh ustanovok. Hoskva, Izd-vo Ministerstva
rechnogo flota SSSR, 1953. 154 p. [Microfilm] (MERA 7:10)

(Gas generators)

IVANOV, V. V.,

Agriculture & Plant & Animal Industry.

Maksim Gorkii Collective Farm. Saratovskoe obl. gos. izd-vo, 1949

9. Monthly List of Russian Accessions, Library of Congress, April 1957, Uncl

SHAKHIL'DYAN, Arkadiy Stopanovich; IVANOV, V.V., red.; EYETSOVA, S.G., red.; MARKOVICH, G.L., tekhn. red.

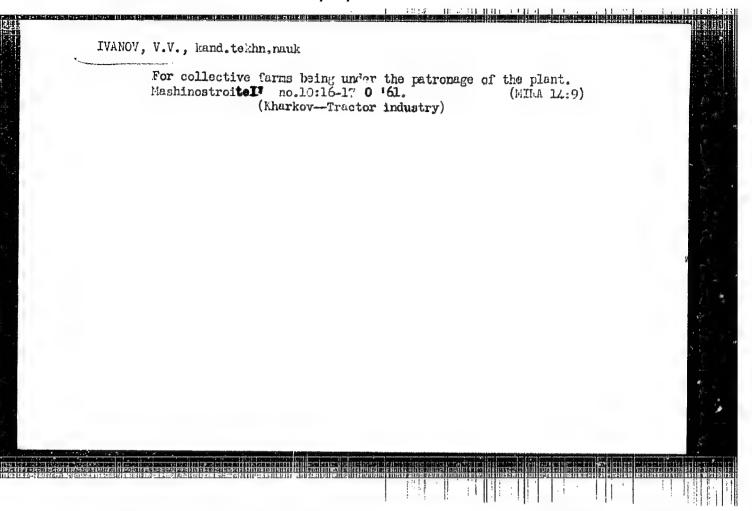
[Production ties smong collective forms in the Moldevian S.S.R.]

Neakholkhoznye proizvodstvennye sviazi v Moldavskoi SSR. Kishinev,

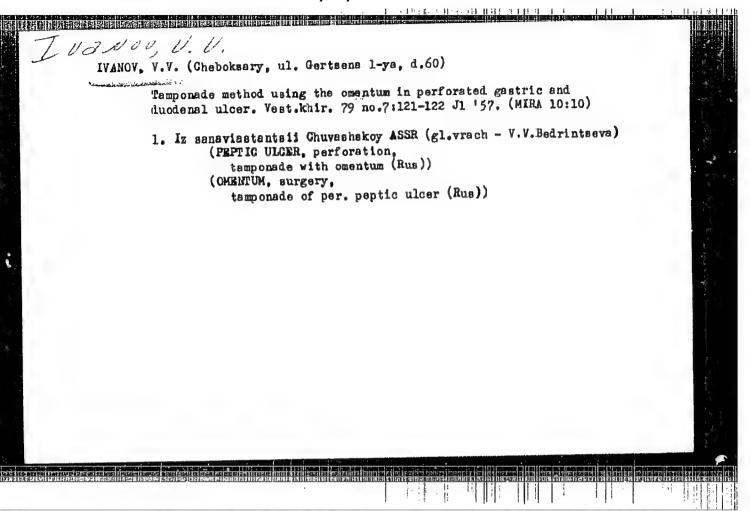
Izd-vo "Shitintas," 1961. 132 p.

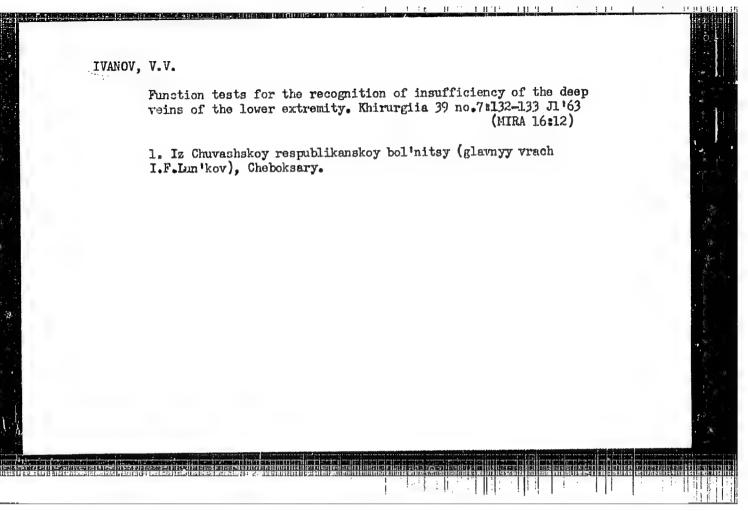
(MIRA 15:7)

(Moldavia—Collective farms—Interfarm cooperation)



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| | | ng's operation. | Khirugija | No. 5. 1952. | | | ı |
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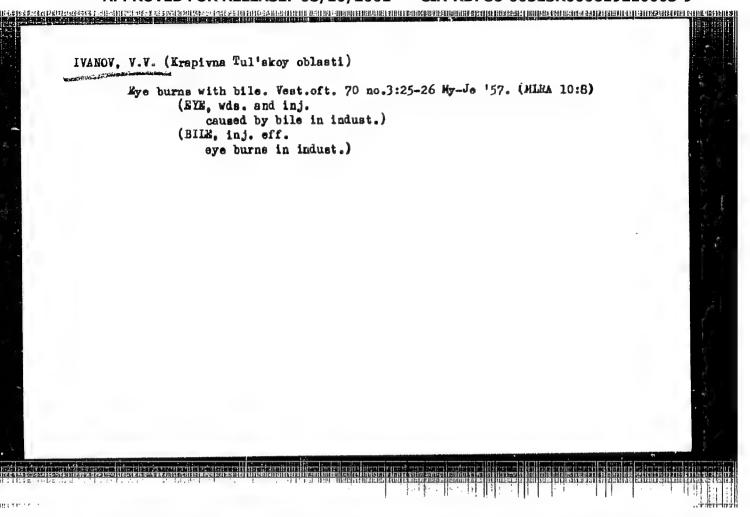


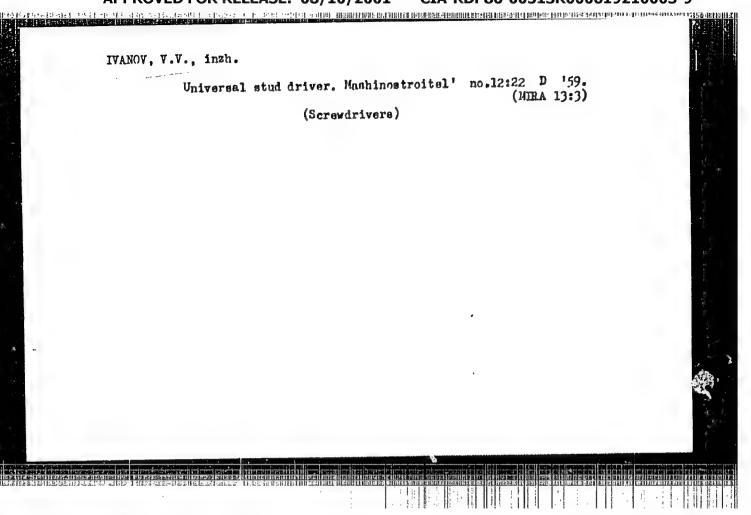
IVANOV, Viktor Vasil'yevich; BELOSTOTSKIY, Ye.M., red.; ZUYEVA,
N.K., tekhn.red.

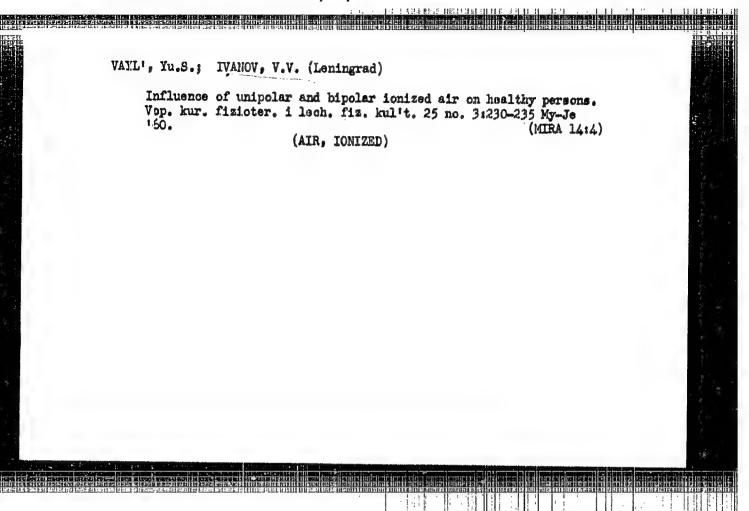
[Eye diseases in the elderly] O zabolevaniiakh glas v pozhilom
vozraste. Moskva, Gos.izd-vo med.lit-ry, 1959. 32 p.

(NIRA 12:7)

(EYE--DISEASES AND DEFECTS)







IL'ICHEVA, Ye.M., nauchn. sotr.; SHVAREVA, Yu.N., nauchn. sotr.;

KUJASHOV, S.V., red.; GOL'DFAYL', L.G., red.; POSPELOVA,

G.N., red.; Prinimali uchastiye: BAKHMMI, V.I., kand. khim.

nauk, rod.; IVAHOV, V.V., kand. med. nauk, red.; KAMANEV,

R.G., kand. med. nauk, red.; LARICHEV, L.S., red.; HENDAYEV,

G.A., red.; OPPENGEYM, D.G., kand. med. nauk, red.;

POLTORANOV, V.V., red.; CHUBUKOV, L.A., doktor geogr. nauk,

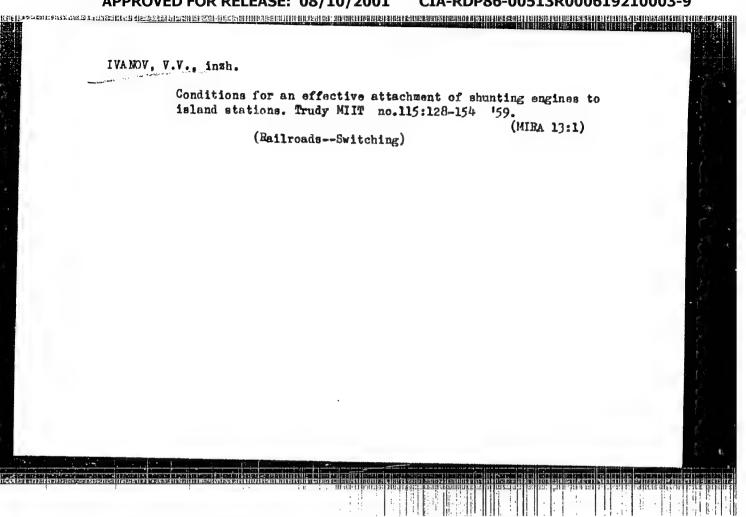
red.; VUL'FSON, I.Z., red.; KUZ'MINA, N.S., tekhm. red.

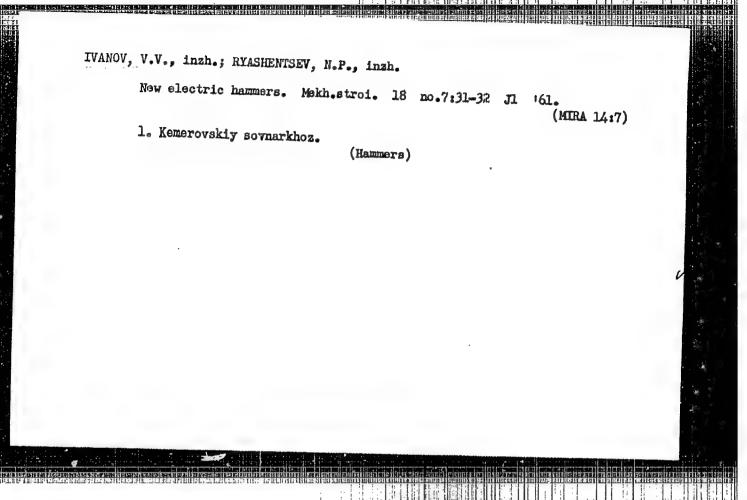
[Health resorts of the U.S.S.R.] Kurorty SSSR. Moskva, Medgiz, 1962. 797 p. (MIRA 15:11) (HEALTH RESORTS, WATERING PLACES, ETC.)

IVANOV, V.V., otv. red.; VALEDINSKIY, V.I., red.; OVCHINNIKOV,

[Problems of the formation and distribution of mineral waters in the U.S.S.R.; transactions of the Conference of the Health Resort Institutes on the Hydrology of Mineral Waters] Voprosy formirovaniia i rasprostraneniia mineral nykh vod SSSR; trudy... Moskva, TSentr. nauchnoisal. in-t kurortologii i fizioterapii, 1960. 398 p. (MIRA 17:3)

1. Soveshchaniye kurortnykh institutov pe gidrogeologii mineral'nykh vod. Moscow, 1958. 2. Tšentral'nyj manchno-isaledovatel'skiy institut kurortologii i fizioterapii (for Ivanov, Valedinskiy).





IVANOV, Valeriy Vasil'yevich; POSTERNYAK, Ye.F., insh., red.; SHILLING, V.A., red. izd-va; GVIRTS, V.L., tekhn. red.

[Dynamic balancing of rotors of high-speed machines] Tekhnologiia dinamicheskogo uravnoveshivaniia rotorov bystrokhodnykh mashin.
Leningrad, 1961. 21 p. (Leningradskii Dom nauchmo-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.14)

(MIRA 14:7)

(Balancing of machinery)

IVANOV. V. V. Cand Tech Sei -- (diss) "The technological effectiveness of the dimensions of machine parts." Khar'kov, 1957. 15 pp (Min of Higher Education UkSSR. Khar'kov Polytechnic Inst im V. I. Lenin), 100 copies (KL, 4-58, 83)

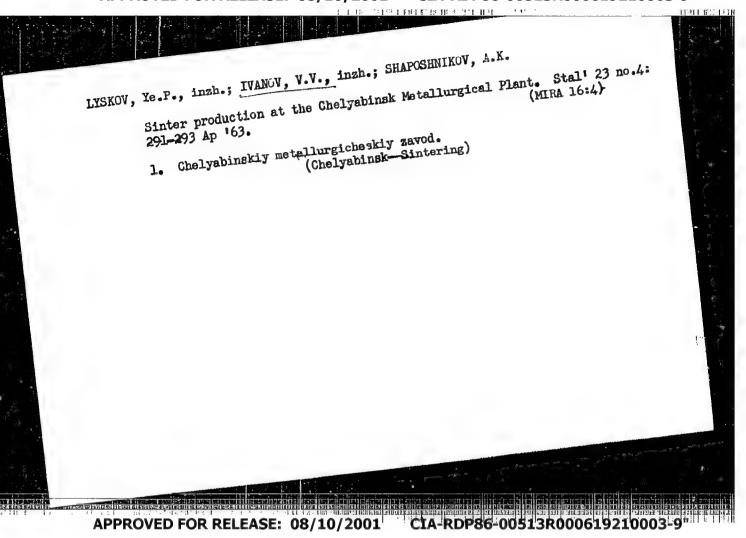
-28-

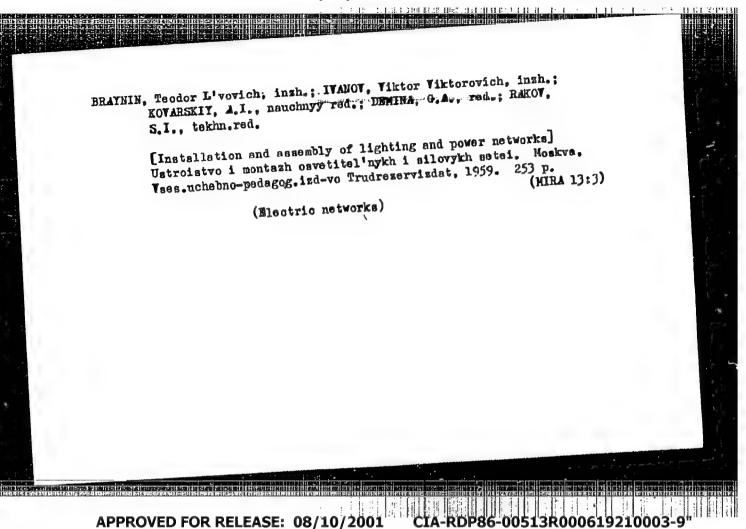
SHISHKOV, Boris Ivanovich; IVANOV, V.V., insh., retsenzent; DUGINA, N.A., tekhn.red.

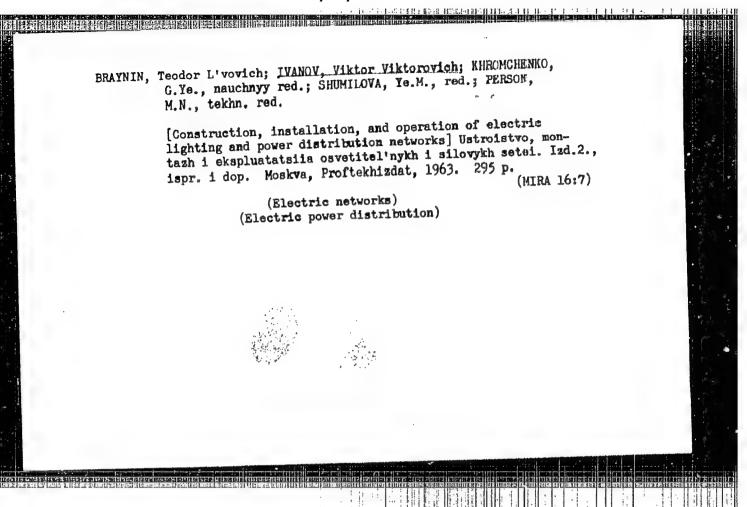
[Precision die stemping in instrument manufacture] Todhmeia shtempovka v priborostrcenii. Moskva, Gos.neuchno-tekhn,izd-vo mashinostroit.lit-ry, 1960. 270 p. (MIRA 14:4) (Sheet-metal work) (Instrument manufacture)

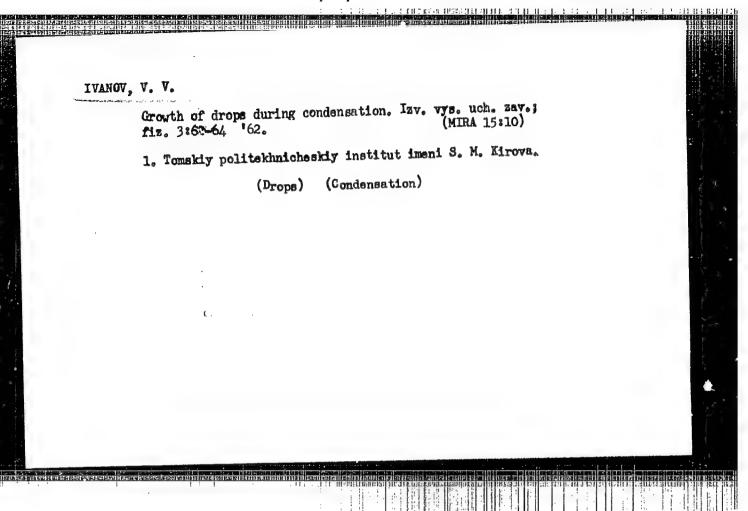
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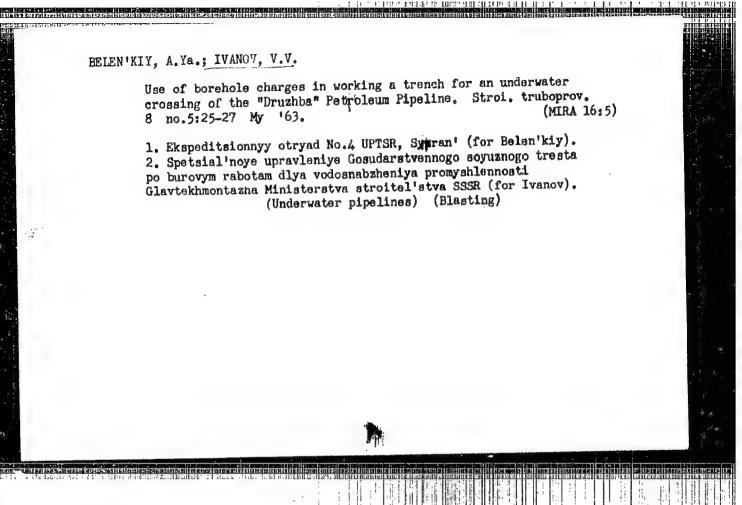
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BUGAY, N.V.; IVANOV, V.V.

Determination of the dependence of shock ductility on the structure of chromium-molybdenum-vanadium steel. Emerg. i elektrotekh. prom. no.2:64.-65 Ap-Je '63. (MIRA 16:7)

1. Glavnoye upravleniye energeticheskogo khozyayatva Donetskogo baseyna. (Steel alloys)

ANDRIYEVSKIY, S.M., kand.tekhn.nauk; ZOL!NIKOV, S.S., kand.tekhn.nauk; KISELEV, A.I., inzh.; KOROLEV, K.P., doktor tekhn.nauk, prof.; KRYLOV, V.A., kand.tekhn.nauk; SHESTAKOV, V.N., kand.tekhn.nauk; VERIGO, M.F., doktor tekhn.nauk; KREPKOGORSKIY, S.S., kand.tekhn.nauk; IVANOV, V.V., doktor tekhn.nauk, retsenzent; ORLOVA, I.A., inzh.red.; VOROB!YEVA, L.V., tekhn.red.

[Truck-type locomotive underframes for high-speed traffic] Telezhechnye ekipazhi lokomotivov dlia povyshennykh skorostei dvizheniia. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 303 p. (Moscow. Vsesoluznyi nauchno-issledovatel'skii institut zheleznodoroshnogo transporta. Trudy, no.248).

(Locomotives -- Design and construction)
(Railroad engineering)

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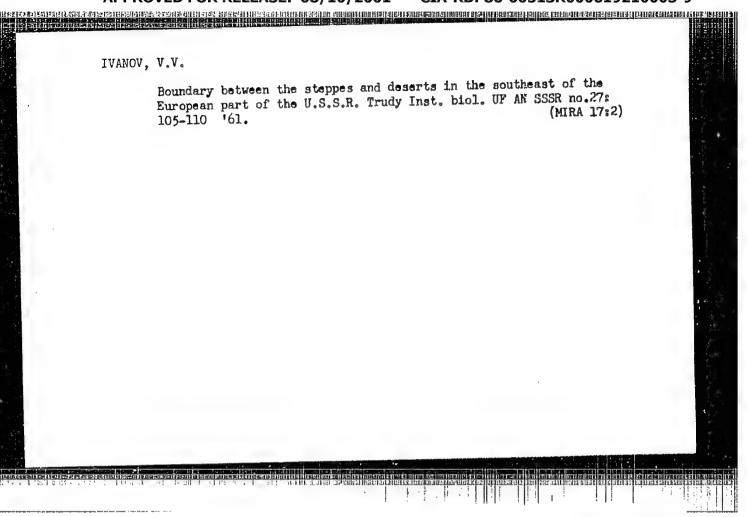
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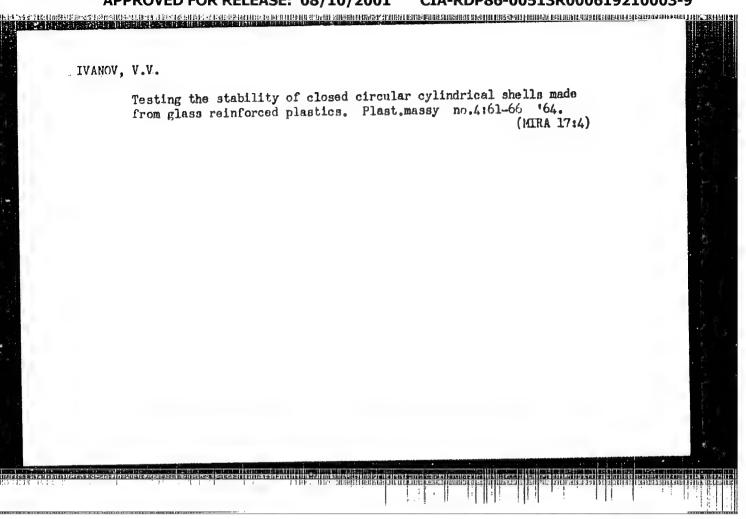
IVANOV, Valeriy Vasil'yevich; PAVLOV, B.V., inzh., red.; FRECER, D.P., red. izd-va; EELOCUROVA, I.A., tekhn. red.

[Selection of balancing equipment] Vybor oborudovaniia dlia balansirovki; obsor. Pod red. B.V.Pavlova. Leningrad, Leningradskii dom nauchno-tekhn. propagandy, 1963. 62 p.

(MIRA 16:6)

(Balancing of machinery—Equipment and supplies)





IVANOV, V.V.; ENTELIS, S.G.

Nuclear magnetic resonance study of association in the systems ethyl alcohol - water and isopropyl alcohol - water. Izv. AN SSSR Otd.khim.nauk no.1:178-180 Ja '62.

1. Institut khimicheskoy fiziki AN SSSR.
(Alcohols) (Systems (Chemistry)--Spectra)

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AUTHORS:

Boykov, G.P., Ivanov, V.V.

TITLE:

On the rate of growth of a crystal

PERIODICAL: Izvestíya vysshikh uchebnykh zavedenky. Fizika,

no.6, 1962, 167-168

Mathematically, the heat conductivity during the growth of a crystal can be described by a system of differential equations given by E. Billig (Brit. J. Appl. Phys., 7, 1956, 375). top of a growing crystal is intensively cooled, the temperature field in the crystal can be expressed by

 $T(r, z) = T_f + (T_0 - T_f) \sum_{n=1}^{\infty} A_n I_0 \left(\mu_n \frac{r}{R} \right) \times \exp \left(-\mu_n \frac{z}{R} \right)$

are the roots of the equation $\mu_{\mathbf{n}}$

$$\mu \frac{I_{\underline{I}}(\mu)}{I_{\underline{O}}(\mu)} = Bi$$

 Λ_n can be taken from work published by A.V.Lykov. and the values Card 1/3

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(1)

5/139/62/000/006/026/032 E073/E435

On the rate of growth of a crystal

According to S.S.Kutateladze, the relation between the temperature gradient at the phase division boundary and the rate of growth of a crystal can be expressed by

 $L\gamma W = -\lambda (grad T)_{\Gamma P}$

where L - phase transformation heat, \u03c4 - specific gravity of the substance, $W = dl/d\tau$ - rate of growth of the crystal, λ - heat conductivity coefficient. The quality of the grown crystal depends to a large extent on adhering to Eq.(2). Consequently, when drawing crystals from melts it is necessary to select correctly the speed of growth. (grad T) p at the base of the crystal as a function of r is calculated by means of Eq.(1)

 $(\operatorname{grad} T)_{\Gamma P} = (\partial T/\partial z)_{z=0}$

The average value of the gradient at the base of the crystal will

$$(\text{grad } T)_{\text{ep}} = \frac{1}{\pi R^2} \int_{F} (\text{grad } T)_{\text{ep}} dF = -(T_0 - T_f) \frac{1}{\pi R^2} \sum_{n=1}^{\infty} A_n \frac{\mu_n}{R} \times \left[\frac{1 + \frac{2}{\exp\left(2\mu_n \frac{l}{R}\right) - 1}}{\exp\left(2\mu_n \frac{l}{R}\right) - 1} \right] = \int_{0}^{2\pi} d^3 \int_{0}^{R} \left(a_n \frac{r}{R}\right) r dr = 0$$

Card 2/3

On the rate of growth of a crystal

S/139/62/000/006/026/032 E073/E535

$$= -2(T_0-T_f)\frac{1}{R}\sum_{n=1}^{\infty}A_nI_1(\mu_n)\times$$

$$\times \left[\frac{1 + \frac{2}{\exp\left(2\mu_n \frac{l}{R}\right) - 1}}{\right].$$

Then, according to Eq.(2), we obtain the following equation, which in the first approximation can be used for estimating the speed of growth of the crystals.

 $\frac{dl}{d\tau} = \frac{2\lambda(T_n - T_f)}{L_T^*R} + \sum_{n=1}^{\infty} A_n I_1(u_n) \times$ (3)

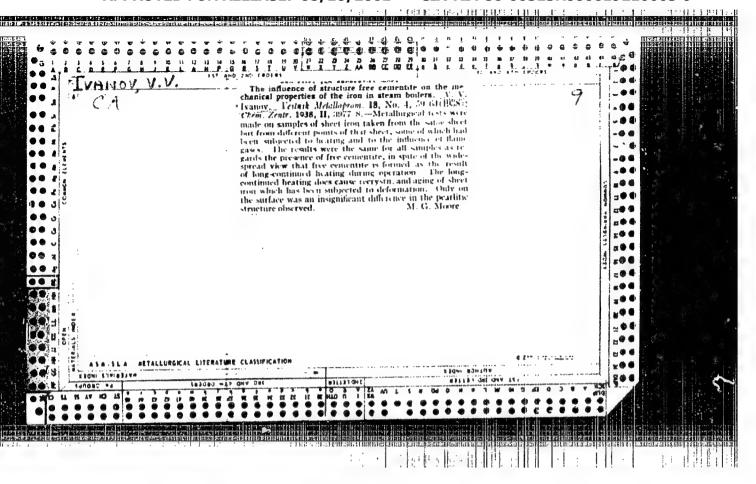
$$\times \left[\frac{1}{1} + \frac{2}{\exp\left(2\mu_n^{\frac{1}{n}} \frac{1}{R}\right) + 1} \right].$$

ASSOCIATION: Tomskiy politekhnicheskiy institut imeni S.M.Kirova

(Tomsk Polytechnical Institute imeni S.M.Kirov)

SUBMITTED: December 22, 1961

Card 3/3



The causes of damarcs in steam boilers Moskva, Pishchepromizdat, 19th. (Mic 5:-172)

Gollation of the orginal: 82 p.
Microfilm T-5

IVANON, Vasilii Vasil'evich

A manual on 'he mechaniss or diesel motor-driven ships
Acskva, 17k9. 345 p. (50-29922)

WM770.493 19k9

